

RECOMMENDED ROUTINE TEST PROCEDURE

The following test is designed to ensure the continued protection of your premises and occupants. Because of the possibility of a failure of the normal lighting supply occurring shortly after a period of testing, all tests should whenever possible, be undertaken at times of least risk, e.g during daylight hours.

ONCE A DAY

Visual inspection of battery charge led

ONCE A MONTH

Each unit should be energised from its battery for about 30 seconds by simulation of a failure of the normal lighting supply, to ensure the lamp operates in the emergency condition.

TWICE A YEAR

Each unit should be energized from its battery for a continuous period of at least one hour. Inspect if the LED light source works well. It is recommended that LED light source is inspected twice for no more than one year to retain the design photometric characteristics. If one or more LEDs fail to work normally, customers can decide to replace them or not according to if there is enough lumen output for emergency lighting.

AFTER THREE YEARS & EACH SUBSEQUENT YEAR

All units with specified durations in excess of 1 hour should be energised for their full rating period.



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EM8W NM&M BULK

**BULKHEAD LIGHTING
LUMINAIRE INSTRUCTIONS & TEST PROCEDURES.**

INSTALLATION

1. Remove the diffuser from the body by easing each of the 4 'lugs' off the body clips using a 5mm flat blade screwdriver.
2. Release gear tray by easing plastic clips away from the metal tray and lifting the metal tray away from the base.
3. Fix base to wall or ceiling either direct or via conduit box having cleared an access hole in the body for the cable.
4. **ISOLATE THE A.C. SUPPLY** and connect unit. An unswitched 240V A.C. supply must be connected to the live(L). Earth and neutral(N) terminals fitted to the PCB of all variants. On maintained variants continuous illumination is provided by the white link ready connected, this can be replaced by a simple switch for on/off control.
5. Plug battery lead into connector on PCB.
6. Refit the gear tray into the body making sure the two plastic clips capture it correctly.
7. Refit diffuser and press each of the 4 'lugs' to ensure they are fully located.
8. Check operation - restore the A.C. supply check the indicator LED is 'on'. Leave for 30 minutes, remove power, the lamp should illuminate for a few seconds.
9. Restore the A.C. supply, and check that the indicator LED is 'on'.

OPERATION

NON - MAINTAINED

Lamp normally off and battery on automatic charge (LED 'on') when the A.C. supply is healthy. Solid state circuitry automatically switches the lamp on when the A.C. supply is interrupted.

MAINTAINED

Emergency lamp normally on, when the supply to switched live is on. The battery is on automatic charge (LED 'on'). Lamp will switch on or remain on if A.C. supply is interrupted.

MONITORING

Green indicator lamp (LED) normally continuously 'on'. Indicator lamp goes out if A.C. supply or charger fails.

BATTERY

Sealed Nickel - Cadmium rechargeable battery pack.

TEMPERATURE

Performance figures measured at 25 degrees C

FAULT FINDING AND CORRECTIVE ACTION

MONITORING LED NOT ILLUMINATED

A.C. supply not healthy. Battery not connected. Charger failed

UNIT NOT MEETING REQUIRED EMERGENCY PERIOD

May need cycling: Discharge then, recharge for full 24 hours. Retest, battery pack may need replacing if emergency duration still not met.

LAMP NOT FULLY ILLUMINATED

If tube ends blackened replace tube. If illumination is hesitant and of a low level, either the battery pack or (less likely) the printed circuit board needs replacing.